

REBECCA A. HARRISON

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EDUCATION

- Cornell University — Ithaca, NY Aug. 2016 – Present
Ph.D., Science & Technology Studies
- Rensselaer Polytechnic Institute — Troy, NY Aug. 2014 – May 2016
M.S./Ph.D. coursework, Science & Technology Studies
Rensselaer Graduate Fellowship (2014-2015)
- Cornell University — Ithaca, NY Fall 2010 – May 2014
B.S., Animal Science (Minors: Science & Technology Studies; English)

TEACHING

- “Science & Society Topics: Stories of (Agri)Culture”** Aug. 2017 – Dec. 2017
First-year Writing Seminar – Cornell University
Instructor of Record

- Independently designed first-year writing seminar for the Department of Science & Technology Studies, which was taught to 17 students in the Fall of 2017
- Lead students through extensive reading and writing on issues in the mutual shaping of science and society in agriculture, drawing extensively on Cornell-based resources and stories.

- Cornell University “The GMO” Massive Open Online Course** Aug. 2015 – Jan. 2017
Teaching Assistant

- Designed course curriculum for Cornell University’s (Sept. 2016) EdX MOOC on the science and politics of genetically modified organisms.
- Developed written, information graphic, video, and interview content on topics ranging from fundamentals of plant breeding to biopiracy and the limitations of science.

- West Africa Centre for Crop Improvement**, University of Ghana, Legon Jan. 2016
Lecturer, Advanced training module on “Scientific Communication”

- Developed weeklong scientific writing training curriculum for plant biology Ph.D. students as part of communication specialist role in International Programs, Cornell University.
- Delivered in collaboration with library resources module in January 2016 workshop.

- Arizona State University Consortium for Science, Policy & Outcomes** Summer 2015
Teaching Assistant, Science Outside the Lab

- Served as teaching assistant for the Policy, Science, Technology, and Society Scholars summer (POSTSS) Program, held in Washington, D.C. and led by Arizona State University’s Center for Nanotechnology in Society.
- Assisted faculty by creating an informal learning environment to increase the participation of underrepresented minority undergraduate students in STS and Policy Studies.

Cornell University, Animal Science Department

Fall 2012

Teaching Assistant: Dairy Cattle Principles

- Teaching Assistant for an introductory course on scientific principles related to dairy cattle management. Designed and implemented laboratory experiments and demonstrations; graded exams and assignments; worked with students to help them understand material.

GUEST LECTURES

PLSCI 3940: Skills for Public Engagement — Cornell University, Spring 2017

Social media use in public engagement in controversial science communication environments

PLSCI 3940: Skills for Public Engagement — Cornell University, Spring 2016

Social media use in public engagement in controversial science communication environments

PLBIO 3430: Molecular Biology & Genetic Engineering of Plants — Cornell University, Spring 2016

Social Implications: Why is there a GMO debate?

PUBLICATIONS

Harrison, R., Kinchy, A., Rabinow, L. (2017). "GE Food: A Changing Political Economy," in Handbook of Political Economy of Science. Routledge.

CONFERENCES AND WORKSHOPS

Harrison, R. "Standing up for science': The blurring lines between biotechnology research, science communication, and advocacy." Presented at the annual meeting of The Association for Education in Journalism and Mass Communication (AEJMC). Minneapolis, Minnesota (Aug. 2016).

Jason Delborne and **R. Harrison.** "Boasting Chestnuts: GM Trees, Responsible Innovation, & Anticipatory Governance." Presented by Delborne at the meeting of the Society for the Social Studies of Science. Denver, Colorado (Nov. 2015).

Harrison, R. "The American Chestnut: Engineering a New Conceptualization of Biotechnology Governance." Presented at the Atlanta Conference on Science and Innovation Policy. Atlanta, Georgia (Sept. 2015).

Harrison, R. "The American Chestnut: A Case Study." Presented at the National Academy of Sciences Public Interfaces of the Life Science Roundtable workshop, "When Science and Citizens Connect: Public Engagement on GMOs," Washington, D.C. (Jan. 2015).

GRANTS & AWARDS

National Science Foundation Science & Technology Studies Program Grant, “Restoring Biotechnology’s Moral Fiber? GM Chestnut Trees, Responsible Innovation, and Environmental Justice,” with PI Jason Delborne (North Carolina State University). Awarded in 2016.

National Science Foundation, Graduate Research Fellowship Program — Honorable Mention (2016)

PROFESSIONAL EXPERIENCE (selected)

Cornell University — International Programs, CALS

June 2014 – July 2016

Communications Specialist, Alliance for Science

- Engaged with stakeholders in the global agricultural biotechnology community (scientists, journalists, policymakers, farmers) and the “public” via daily social media updates; use social media analytics tools to quantitatively track engagement and impact.
- Generated original content for promoting website and communications training initiatives.
- Lead training workshops on use of digital communications tools in science communication.
- Represented organization at professional meetings, ranging from annual conferences of the American Society of Plant Biologists and the American Association for the Advancement of Science, to the World Federation of Science Journalists.

Cornell Chronicle

Summer 2012; Summer 2013

Student Writer

- Pitched stories; wrote news features and blogs for Cornell University’s press office.
- Clips available on request.

The White House

Spring 2013

Intern, Office of Science & Technology Policy

- Compiled evidence for, assembled, and edited policy memos.
- Designed hands-on STEM-related projects to be incorporated into elementary classroom curricula nationwide.
- Participated in STEM meetings held in OSTP, as well as across government and industry.
- Found particular interest in the activities surrounding oversight and regulation of new and emerging technologies.

Cornell University College of Ag. & Life Sciences, Office of Communications

Fall 2012

- Contributed college-specific stories for the Cornell Chronicle, the CALS magazine (“PeriodiCALS”), and CALS webpage.
- Involvement in college-specific media outreach, including student profiles, webpage management, and social media.

Cornell University PRO-Dairy

March 2012 – Aug. 2012

Research Assistant

- Assisted on a variety of projects, ranging from dairy cow comfort, manure management cost analysis, and anaerobic/biogas digestion feasibility studies.

- Responsibilities included: Data input; literature reviews; Excel spreadsheet design and implementation; on-farm data collection and analysis.

Cornell Cooperative Extension

May 2011 - Sept. 2011

Research Assistant

- Provided farms with assessments of their forage management practices compared to recognized industry benchmarks; designed program to enhance existing datasets and promote consistent data collection across farms.
- Assisted on a calf feeding study—engineering group feeding systems to decrease labor costs and increase efficiency of dairy calves. Managed calf feeding and data input on one test farm.

PROFESSIONAL ACTIVITIES

Cornell University Center for Teaching Excellence, Scholarship of Teaching and Learning
Practitioner Program 2016-2017

Cornell University Graduate and Professional Student Assembly, Science & Technology Studies Field
Representative, 2016-present; GPSA Representative on the Graduate School Graduate
Committee, 2017-present